ABSTRACT

The invention relates to a method and a device for performing inter-vehicle distance control on a vehicle, an actual value (d_{act}) of a distance variable which describes a distance between the vehicle and a vehicle traveling in front being determined. Furthermore, a plurality of weighting values (g_i) for the distance variable are determined as a function of input variables (x_i) which describe the driving situation of the vehicle and/or the ambient situation of the vehicle and/or the driving behavior of the driver. From the weighting values in turn a set point value (d_{setp}) for the distance variable is determined, braking means and/or driving means of the vehicle being actuated in such a way that the determined actual value (d_{act}) of the distance variable assumes the determined set point value (d_{setp}). According to the invention, in order to determine the set point value (d_{setp}) of the distance variable the weighting values (g_i) are multiplied by one another.

Fig. 1